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APPLICANT Anderson et al.				GROUP 1638	

**U.S. PATENT DOCUMENTS**

Exmr Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation Yes/No

**OTHER PRIOR ART** (including Author, Title, Date, Pertinent Pages, etc.)

ARK	1		GU, Q. et al. (1992) "A flower-specific cDNA encoding a novel thionin in tobacco" <i>Mol. Gen. Genet.</i> 234:89-96.
1	2		MILLIGAN, S. B. et al. (1995) "Nature and regulation of pistil-expressed genes in tomato" <i>Plant Mol. Biol.</i> 28:691-711.
ARK	3		KARUNANADAA, B. et al. (1994) "Characterization of a predominantly pistil-expressed gene encoding a $\gamma$ -thionin-like protein of <i>Petunia inflata</i> " <i>Plant Mol. Biol.</i> 26:459-464.

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ARK	1	Li and Gray (August 1999) "Molecular Characterization of a cDNA, NTS13, Encoding a Defensin-Like Protein in Tobacco Styles" (Accession No. X99403) Plant Gene Register PGR 99-071 <i>Plant Physiology</i> 120:633.
	2	Yu et al. (2000) Direct Submission Accession No. S30578.
	3	Stiekema et al. (1988) "Molecular cloning and analysis of four potato tuber mRNAs" <i>Plant Molecular Biology</i> 11:255-269.
	4	Choi et al. (1993) "Nucleotide Sequence of a cDNA Encoding a Low Molecular Weight Sulfur-Rich Protein in Soybean Seeds" <i>Plant Physiology</i> 101:699.
	5	Choi et al. (1995) "Tissue-specific and Developmental Regulation of a Gene Encoding a Low Molecular Weight Sulfur-rich Protein In Soybean Seeds" <i>Mol. Gen. Genet</i> 246:266-268.
	6	Mendez et al. (1990) "Primary Structure and Inhibition of Protein Synthesis in eukaryotic Cell-free System of a Novel Thionin, $\gamma$ -hordothionin, from Barley Endosperm" <i>Eur. J. Biochem.</i> 194:533-539.
ARK	7	Neumann et al. (1996) "Purification and Mass Spectrometry-based Sequencing of Yellow Mustard ( <i>Sinapis alba</i> L.) 6 kDa Proteins" <i>Int. J. Peptide Protein Res.</i> 47:437-446.

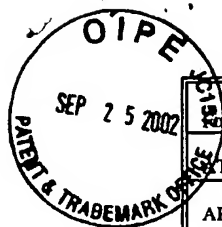
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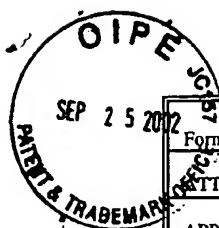
ARK	8	Moreno et al. (1994) "Pseudothionin-St1, a potato peptide active against potato pathogens" <i>Eur. J. Biochem</i> 223:135-139.
	9	Terras et al. (August 1992) "Analysis of Two Novel Classes of Plant Antifungal Proteins from Radish ( <i>Raphanus sativus</i> L.) Seeds" <i>Journal of Biological Chemistry</i> 267(22):15301-15309.
	10	Terras et al. (February 1993) "A new family of basic cysteine-rich plant antifungal proteins from Brassicaceae species" <i>FEBS Letters</i> 316(3):233-240
	11	Terras et al. (May 1995) "Small Cysteine-Rich Antifungal Proteins from Radish: their Role in Host Defense" <i>The Plant Cell</i> 7:573-588.
	12	Fant et al. (1994) "The Solution Structure by <sup>1</sup> H NMR of a Plant Antifungal Protein from Radish Seeds (Rs-AFP1)" In: LP Ingman, J. Jokissaari, J. Lounila (eds), <i>Abstracts of the 12<sup>th</sup> European Experimental NMR Conference</i> p. 247.
	13	Colilla et al. (September 1990) "γ-Purothionins: amino acid sequence of two polypeptides of a new family of thionins from wheat endosperm" <i>FEBS Letters</i> 270(1,2):191-194.
	14	Ishibashi et al. (1990) "Stored mRNA in cotyledons of <i>Vigna unguiculata</i> seeds: nucleotide sequence of cloned cDNA for a stored mRNA and induction of its synthesis by precocious germination" <i>Plant Molecular Biology</i> 15:59-64.
	15	Bloch and Richardson (February 1991) "A new family of small (5 kDa) protein inhibitors of insect α-amylases from seeds of sorghum ( <i>Sorghum bicolor</i> (L) Moench) have sequence homologies with wheat γ-purothionins" <i>FEBS Letters</i> 279(1):101-104
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	19	Yamada et al. (1997) "cDNA Cloning of γ-Thionin from <i>Nicotiana excelsior</i> " Accession No. AB005266 <i>Plant Physiology</i> 115:314
	20	Anderson et al. (May 1989) "Sequence Variability of Three Alleles of the Self-Incompatibility Gene of <i>Nicotiana glauca</i> " <i>The Plant Cell</i> 1:483-491.
ARK	21	Schultz et al. (1997) "Molecular characterisation of a cDNA sequence encoding the backbone of a style-specific 120 kDa glycoprotein which has features of both extensins

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		and arabinogalactan proteins" <i>Plant Molecular Biology</i> 35:833-845.
22		Drews et al. (June 1991) "Negative Regulation of the Arabidopsis Homeotic Gene <i>AGAMOUS</i> by the <i>APETALA2</i> Product" <i>Cell</i> 65:991-1002.
23		Laemmli (August 1970) "Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4" <i>Nature</i> 227:680-685.
24		Ozaki et al. (1980) "Amino Acid Sequence of a Purothionin Homolog from Barley Flour" <i>J. Biochem.</i> 87(2):549-555.
25		Anderson et al. (1987) "Immuno-gold localization of $\alpha$ -L-arabinofuranosyl residues in pollen tubes of <i>Nicotiana glauca</i> Link et Otto" <i>Planta</i> 171:438-442.
26		Broekaert et al. (1990) "An automated quantitative assay for fungal growth inhibition" <i>FEMS Microbiology Letters</i> 69:55-60.
27		Atkinson et al. (February 1993) "Proteinase Inhibitors in <i>Nicotiana glauca</i> Stigmas are Derived from a Precursor Protein Which is Processed into Five Homologous Inhibitors" <i>The Plant Cell</i> 5:203-213.
28		Heath et al. (1997) "Proteinase Inhibitors from <i>Nicotiana glauca</i> Enhance Plant Resistance to Insect Pests" <i>J. Insect Physiol.</i> 43(9):833-842.

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